1   **CRYPTOGRAPHIC KEYS USING RANDOM NUMBERS INSTEAD OF**

2   **RANDOM PRIMES**

3   **ABSTRACT**

4   The present invention provides systems, apparatus and methods for providing

5   cryptographic keys which are usable in a network of connected computer nodes applying

6   a signature scheme. Further, the present invention provides systems, apparatus and

7   methods for providing a signature value on a message in a network of connected

8   computer nodes, and systems, apparatus and methods for verifying the signature value on

9   the message.

10   [Fig. 2]